FIG. 1

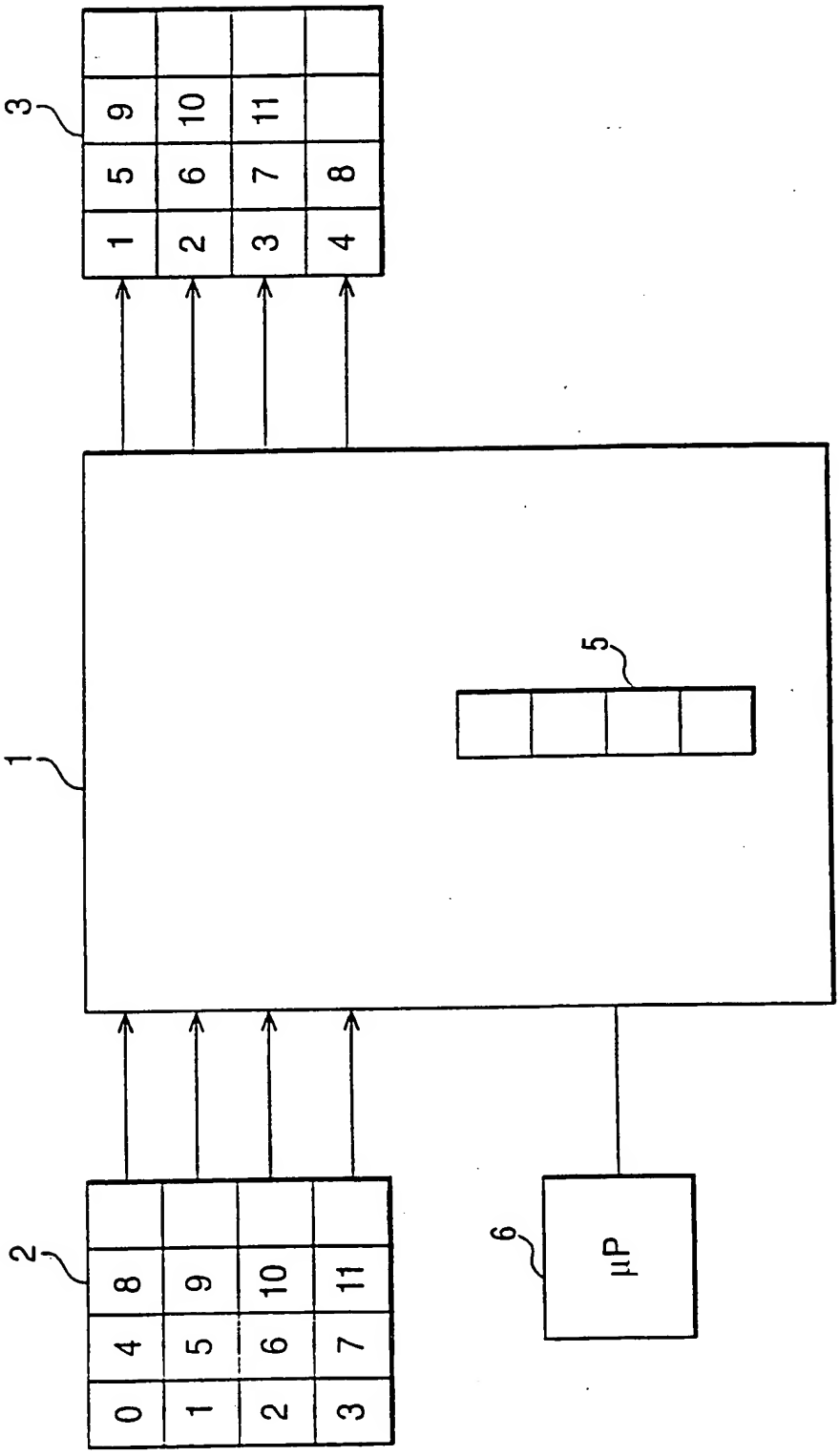

FIG. 2

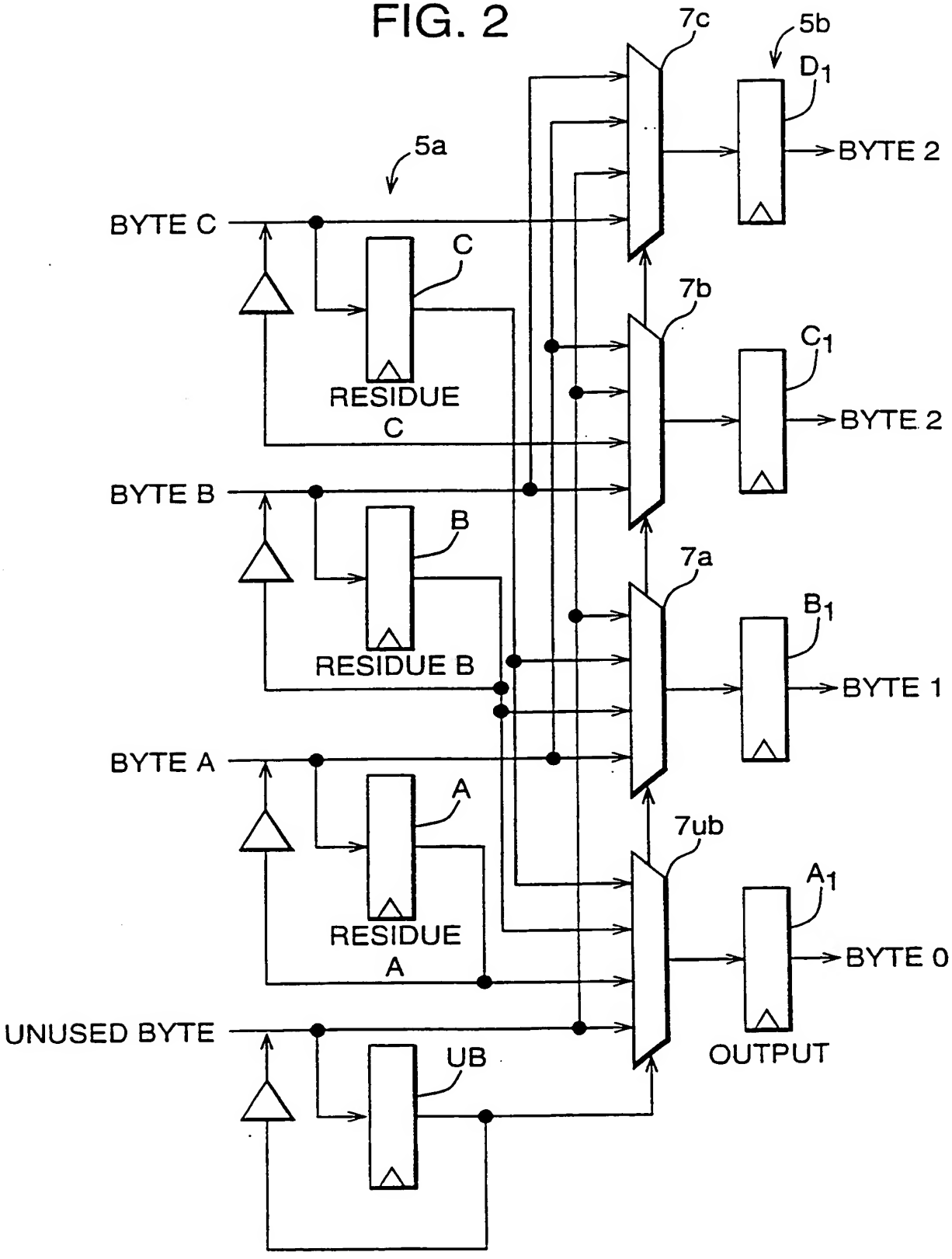
7c
5b
D1
BYTE 2
5a
BYTE C
C
7b
C1
RESIDUE C
BYTE 2
BYTE B
B
7a
B1
RESIDUE B
BYTE 1
BYTE A
A
7ub
A1
RESIDUE A
BYTE 0
UNUSED BYTE
UB
OUTPUT

FIG. 3

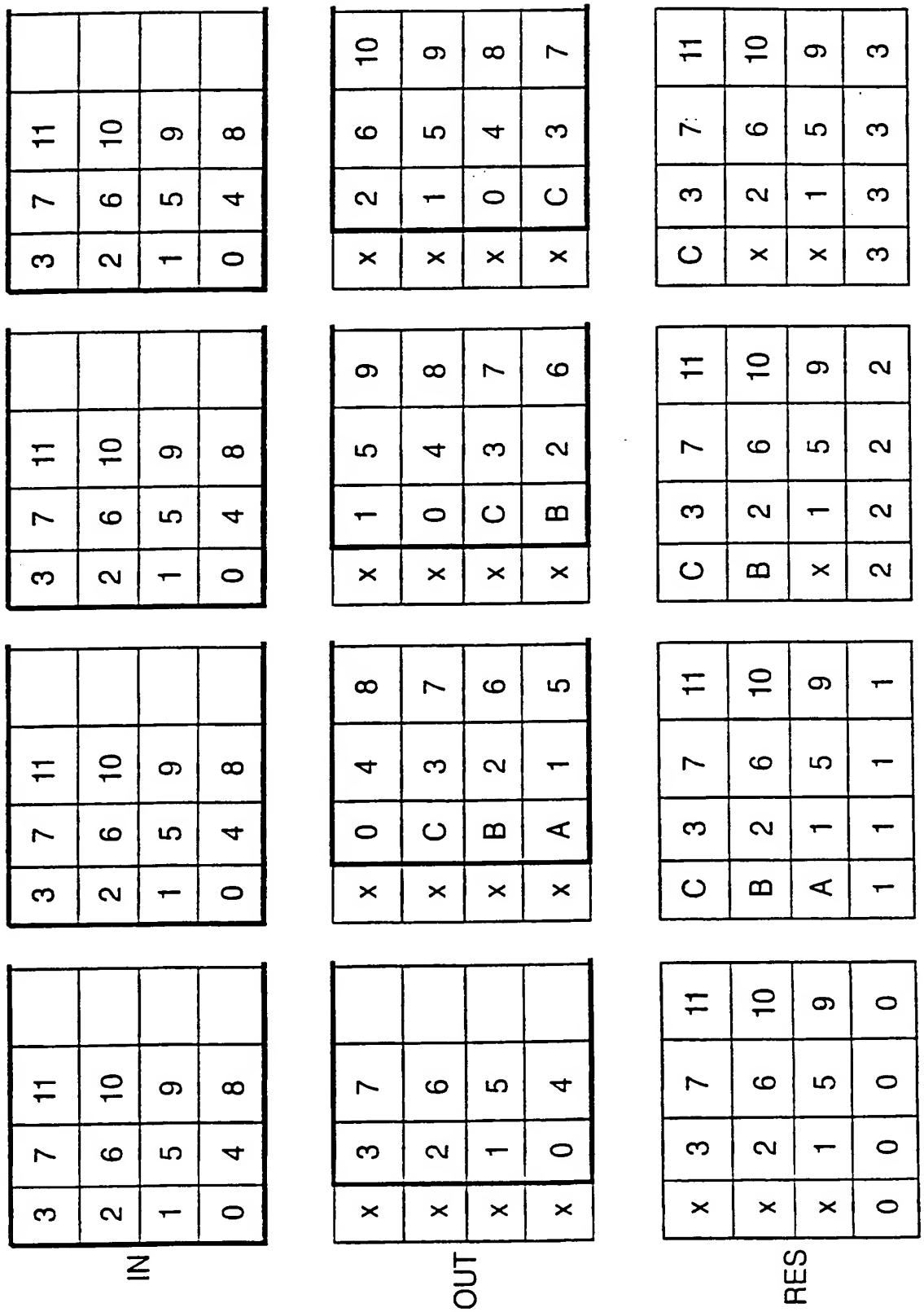

FIG. 4

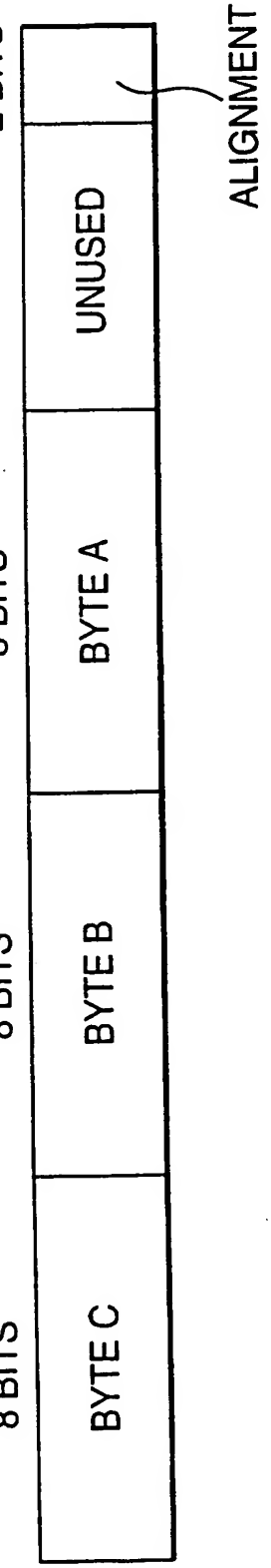

FIG. 5

ALIGNMENT	DATA POSITION	RESIDUE BYTES USED
00	DATA STARTS ON ADDRESS WITH A1=0, A0=0 (ZERO OFF)	NONE
01	DATA STARTS ON ADDRESS WITH A1=0, A0=1 (ONE OFF)	BYTE A & B & C
10	DATA STARTS ON ADDRESS WITH A1=1, A0=0 (TWO OFF)	BYTE B & C
11	DATA STARTS ON ADDRESS WITH A1=1, A0=1 (THREE OFF)	BYTE C
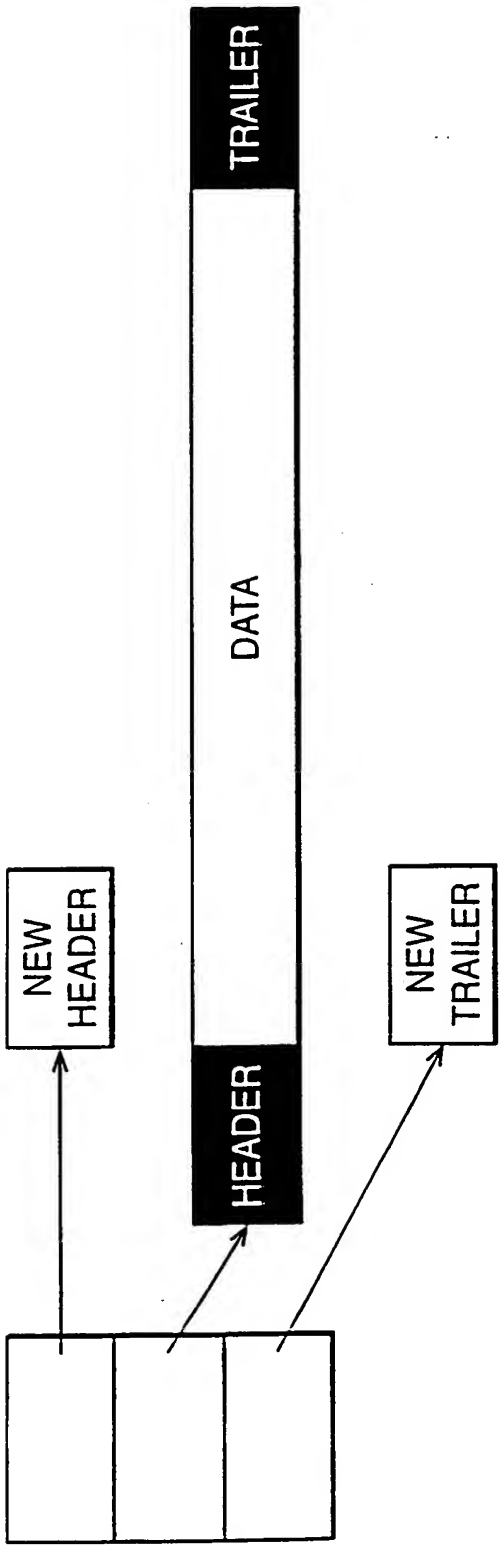
FIG. 6